

In the Claims

1. (Currently amended) A transparent polymeric composition having good impact strength, a high modulus, and good heat resistance, comprising:

- from 50% to 90% by weight of a thermoplastic matrix (I) with a refractive index n_1 , wherein matrix (I) is a homopolymer or a copolymer comprising at least one monomer unit selected from the group consisting of styrene, acrylonitrile, acrylic acid, and short-chain alkyl (meth)acrylates;
- from 0 to 40% by weight of an impact additive (II) with a refractive index n_2 ; and
- from 10% to 50% by weight of a block copolymer (III) with a refractive index n_3 ; the difference between the refractive indices, taken two by two, being less than or equal to 0.01.

2. (Currently amended) The composition of claim 1, characterized in that wherein the block copolymer III conforms to the following general formula - Y-B-Y' - in which

- B is an elastomer block which is thermodynamically incompatible with blocks Y and Y',
- Y and Y' have or do not have the same chemical composition as one another can be the same or different,
- at least one of the two blocks Y and Y' is totally or partially compatible with the thermoplastic matrix (I).

3. (Currently amended) The composition of claim 2, characterized in that wherein B is obtained by polymerizing at least one monomer comprises one or more monomer units selected from the group consisting of butadiene, isoprene, 2,3-dimethyl-1,3-butadiene, 1,3-pentadiene and 2-phenyl-1,3-butadiene.

4. (Currently amended) The composition of claim 3, characterized in that wherein B is obtained by polymerizing comprises butadiene monomer units.

5. (Currently amended) The composition of claim 3, characterized in that wherein B is obtained by polymerizing comprises isoprene monomer units.

6. (Currently amended) The composition of claim 2, characterized in that wherein Y and Y' are obtained by polymerizing comprise at least one monomer unit selected from the group consisting of styrene and short-chain alkyl methacrylates such as methyl methacrylate.
7. (Currently amended) The composition of claim 6, characterized in that wherein Y is a block composed predominantly of styrene and in that wherein Y' is a block composed predominantly of methyl methacrylate monomer units.
8. (Currently amended) The composition of claim 6, characterized in that wherein Y and Y' are blocks composed predominantly of methyl methacrylate monomer units.
9. (Currently amended) The composition of claim 7, characterized in that wherein Y' contains comprises at least 60% of syndiotactic polymethyl methacrylate.
10. (Currently amended) The composition of claim 8, characterized in that wherein Y and Y' each contain at least 60% of syndiotactic polymethyl methacrylate.
11. (Currently amended) The composition of claim 1, characterized in that wherein the amorphous matrix I is obtained by polymerizing comprises at least one monomer unit selected from the group consisting of styrene, acrylonitrile, acrylic acid, and short-chain alkyl (meth)acrylates such as methyl methacrylate.
12. (Currently amended) The composition of claim 11, characterized in that wherein I is obtained by polymerizing comprises a mixture composed of 0 to 55% by weight of styrene monomer units and from 45% to 100% by weight of methyl methacrylate monomer units.
13. (Currently amended) The composition of claim 1, characterized in that wherein the additive II is a core-shell copolymer composed of comprising an elastomer core and a rigid shell which is compatible with the amorphous matrix I.
14. (Currently amended) An article obtained by the melt state conversion of comprising the composition of any one of claims 1 to 13 claim 1, characterized in that wherein said article is

formed by a melt state conversion the conversion is selected from the techniques of converting thermoplastic materials such as selected from the group consisting of injection molding, extrusion or and calendaring.

15. (New) The composition of claim 6, wherein Y and Y' comprise methyl methacrylate units.

16. (New) The composition of claim 11, wherein the amorphous matrix I comprises methyl methacrylate monomer units.